Serial No. FORM PTO-1449 U.S. Department of Commerce Attorney Docket Number 9233-71 10/036,744 Patent and Trademark Office RECEIVED LIST OF DOCUMENTS CITED BY APPLICANT Jse several sheets if necessary) OCT 0 9 200 Applicants: OCT 0 7 2002 Soltero et al. TECH CENTER 1600/2900 Filing Date Group December 21, 2001 1646 **U. S. PATENT DOCUMENTS** Filing Date Document Examiner Class Subclass Number Date Name if Initial Appropriate 260 RT 3,868,356 02/25/75 Smyth 112.7 1. 2. 3,950,517 04/13/76 Lindsay et al. 424 178 4,179,337 12/18/79 Davis et al. 435 181 3. 4,554,101 11/19/85 260 112.5 R 4. Hopp 5,157,021 10/20/92 Balschmidt et al. 514 3 5. 530 303 6. 5,202,415 04/13/93 Jonassen et al. 7. 5,304,473 04/19/94 Belagaje et al. 435 69.7 8. 5,359,030 10/25/94 Ekwuribe 530 303 9. 04/11/95 514 772.3 5,405,877 Greenwald et al. 10. 5,438,040 08/01/95 Ekwuribe 514 3 10/10/95 Frank et al. 435 68.1 11. 5,457,066 424 12. 5,567,422 10/22/96 Greenwald 78.3 13. 5,646,242 07/08/97 Baker et al. 530 303 8 14. 5,681,811 10/28/97 Ekwuribe 514 6 15. 5,700,904 12/23/97 Baker et al. 530 305 1 5,750,497 05/12/98 Havelund et al. 514 3 16. 1669 17. 5,905,140 05/18/99 Hansen 530 303 5,922,675 07/13/99 Baker et al. 514 4 18. 10/05/99 435 69.4 19. 5,962,267 Shin et al. 6,191,105 02/20/01 514 3 20. Ekwuribe et al. 21. 6,309,633 10/30/01 Ekwuribe et al. 424 85.1 FOREIGN PATENT DOCUMENTS Translation Document Class Subclass Yes | No Number Date Country RT C07C Х 22. 1 492 997 11/23/97 United Kingdom 103/52 23. C07C JP 1254699 10/11/89 Japan 7/40 X (Abstract)

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December 21, 2001  1646  OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  24. Banting et al., "Pancreatic Extracts in the Treatment of Diabetes Mellitus: Preliminary Report," Can Med. Assoc. J., 145(10): 1281-1286 (1991).						
	25.	Jens Brange, "Galenics of Insulin: The Pl Insulin Preparations," Novo Research Inst	nysico-Chemical and Pharmaceutical Aspec vitute, Denmark, 18-100 (1987).	ts of Insulin and		
	26.	Forst et al., "New Aspects on Biological A Endocrinol. Diabetes, 106: 270-276 (199	Activity of C-peptide in IDDM Patients," Ex (8).	p. Clin.		
	27.	Hashimoto et al., "Synthesis of Palmitoyl Pharmaceutical Research, 6(2): 171-176	Derivatives of Insulin and Their Biological (1989).	Activities,"		
	28. Kemmler et al., "On the Nature and Subcellular Localization of the Proinsulin Converting Enzymes,"  Federation Proceedings, 30(Abstract 924): 1210Abs (1971).					
29. Kemmler et al., "Studies on the Conversion of Proinsulin to Insulin: I. Converison in Vitro with Trypsin and Carboxypeptidase B," The Journal of Biological Chemistry, 246(22) 6786-6791 (November 25, 1971).						
30. Wahren et al., "Role of C-peptide in Human Physiology," Am. J. Physiol. Endocrinol. Metab., 278: E759-E768 (2000).						

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	3.	4,003,792	01/18/77	Mill et al.				TO CA
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	8.	4,229,438	10/21/80	Fujino et al.				
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	10.	4,277,394	07/07/81	Fujino et al.				· · · · · · · · · · · · · · · · · · ·
	11.	4,338,306	07/06/82	Kitao et al.				
	12.	4,348,387	09/07/82	Brownlee et	al.			
	13.	4,410,547	10/18/83	Ueno et al.				
	14.	4,469,681	09/04/84	Brownlee et	al.			
	15.	4,472,382	09/18/84	Labrie et al.				
	16.	4,579,730	04/01/86	Kidron et al.				
	17.	4,585,754	04/29/86	Meisner et al				
	18.	4,622,392	11/11/86	Hong et al.			,	
	19.	4,684,524	08/04/87	Eckenhoff et	al			
	20.	4,698,264	10/06/87	Steinke				
	21.	4,717,566	01/05/88	Eckenhoff et	al.			
	22.	4,744,976	05/17/88	Snipes et al.				
	23.	4,772,471	09/20/88	Vanlerberghe	e et al.	<u> </u>		
	24.	4,797,288	01/10/89	Sharma et al.	· · · · · · · · · · · · · · · · · · ·			
	25.	4,839,341	06/13/89	Massey et al.	•			

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	28.	4,917,888	04/17/90	Katre et al.			20.	
	29.	4,935,246	06/19/90	Ahrens			\G\(\circ\)	Co (I)
	30.	4,946,828	08/07/90	Markussen			il i	(a) (1)
	31.	4,957,910	09/18/90	Sutton et al.			s	100 100
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	33.	4,994,439	02/19/91	Longenecker	et al.			•9
	34.	5,013,556	05/07/91	Woodle et al.				
	35.	5,055,300	10/08/91	Gupta	· · · · · · · · · · · · · · · · · · ·			
	36.	5,055,304	10/08/91	Makino et al.				
	37.	5,089,261	02/18/92	Nitecki et al.				
	38.	5,093,198	03/03/92	Speaker et al				
	39.	5,162,430	11/10/92	Rhee et al.				
	40.	5,164,366	11/17/92	Balschmidt e	t al.			
	41.	5,206,219	04/27/93	Desai				
	42.	5,283,236	02/01/94	Chiou				
	43.	5,286,637	02/15/94	Veronese et a	ıl.			
	44.	5,292,802	03/08/94	Rhee et al.				
	45.	5,308,889	05/03/94	Rhee et al.				
	46.	5,312,808	05/17/94	Shorr et al.				
	47.	5,324,775	06/28/94	Rhee et al.				
	48.	5,328,955	07/12/94	Rhee et al.				
	49.	5,405,621	04/11/95	Sipos				
	50.	5,413,791	05/09/95	Rhee et al.				
	51.	5,415,872	05/16/95	Sipos	· · · · · · · · · · · · · · · · · · ·			
	52.	5,444,041	08/22/95	Owen et al.				
	53.	5,446,091	08/29/95	Rhee et al.				
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	56.	5,504,188	04/02/96	Baker et al.				10
	57.	5,506,203	04/09/96	Backstrom et	al.		EG.	M
	58.	5,518,998	05/21/96	Backstrom et	al.		0	TO CO
	59.	5,523,348	06/04/96	Rhee et al.			16	72
	60.	5,529,915	06/25/96	Phillips et al.				281
	61.	5,550,188	08/27/96	Rhee et al.			· · · · · · · · · · · · · · · · · · ·	13
	62.	5,545,618	08/13/96	Buckley et al.				3
	63.	5,606,038	02/25/97	Regen			<del>_</del> -	
	64.	5,612,460	03/18/97	Zalipsky				
	65.	5,631,347	05/20/97	Baker et al.				
	66.	5,637,749	06/10/97	Greenwald				
	67.	5,650,388	07/22/97	Shorr et al.				
	68.	5,658,878	08/19/97	Backstrom et	al.			
	69.	5,681,567	10/28/97	Martinez et al	l.			
	70.	5,693,609	12/02/97	Baker et al.				
	71.	5,693,769	12/02/97	Kahne et al.				
	72.	5,707,648	01/13/98	Yiv				
	73.	5,738,846	04/14/98	Greenwald et	al.			
	74.	5,747,445	05/05/98	Backstrom et	al.			
	75.	5,747,642	05/05/98	De Felippis	_			
	76.	5,766,620	06/16/98	Heiber et al.				
	77.	5,824,638	10/20/98	Burnside et al	l			
	78.	5,830,853	11/03/98	Backstrom et	al.			
	79.	5,830,918	11/03/98	Sportsman et	al.			
	80.	5,849,860	12/15/98	Hakimi et al.				
	81.	5,853,748	12/29/98	New				
	82.	5,854,208	12/29/98	Jones et al.			·	
	83.	5,856,451	01/05/99	Olsen et al.				

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1	85.	5,874,111	02/23/99	Maitra et al.			1 2	
	86.	5,898,028	04/27/99	Jensen et al.			3 20	
	87.	5,902,588	05/11/99	Greenwald et	al		TO TO	ナ
	88.	5,907,030	05/25/99	Shen et al.	<u> </u>		1000 S	5
	89.	5,932,462	08/03/99	Harris et al.			130	
	90.	5,942,248	08/24/99	Barnwell			13	
_	91.	5,948,751	09/07/99	Kimer et al.	· · · · · · · · · · · · · · · · · · ·			
	92.	5,952,008	09/14/99	Backstrom et	al.			_
	93.	5,952,297	09/14/99	De Felippis e				_
	94.	5,968,549	10/19/99	New et al.				
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	96.	5,981,709	11/09/99	Greenwald et	· · · · · · · · · · · · · · · · · · ·			
	97.	5,985,263	11/16/99	Lee et al.	· · · · · · · · · · · · · · · · · · ·			
	98.	6,004,574	12/21/99	Backstrom et	al.		· · · · · · · · · · · · · · · · · · ·	
	99.	6,025,325	02/15/00	Campfield et	al.			_
	100.	6,034,054	03/07/00	De Felippis e	t al.			
	101.	6,043,214	03/28/00	Jensen et al.				
	102.	6,051,551	04/18/00	Hughes et al.				
	103.	6,063,761	05/16/00	Jones et al.				
	104.	6,093,391	07/25/00	Kabanov et a	l.			
	105.	6,113,906	09/05/00	Greenwald et	al.			_
	106.	6,165,976	12/26/00	Backstrom et	al.			
	107.	6,177,087	01/23/01	Greenwald et	al.			
	108.	6,200,602	03/13/01	Watts et al.				
	109.	6,211,144	04/03/01	Havelund				
	110.	6,248,363	06/19/01	Patel et al.				
	111.	6,251,856	06/26/01	Markussen et	al.			
L	112.	6,258,377	07/10/01	New et al.				

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		115.	6,310,038	10/30/01	Havelund			in the second	100 CA
		116.	6,323,311	11/27/01	Liu et al.			1	10,00
		117.	6,335,316	01/01/02	Hughes et al.				200
	FOREIGN PATENT DOCUMENTS								
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g.	τ	118.	EP 0 031 567	07/08/81	EPO				
		119.	WO 93/01802	02/04/93	PCT				Yes - abstract
		120.	WO 95/09831	04/13/95	PCT				
		121.	EP 0 483 465	08/02/95	EPO				Yes - claims
	<b>\</b>	122.	WO 95/30641	11/16/95	PCT				
	<u> </u>	123.	EP 0 597 007	10/16/96	EPO				
	<u> </u>	124.	EP 0 621 777	11/09/96	EPO				Yes - claims
		125.	WO 98/07745	02/26/98	PCT				
		126.	EP 0 797 615	01/13/99	EPO				
	<u> </u>	127.	WO 99/32134	07/01/99	PCT				
			OTHER DOC	UMENTS (II	ncluding Author	, Title, Date, Per	rtinent Pages	, Etc.)	
R"	т	128.	Abuchowski, A. S. Holcenberg, Jo			ymer-Enzyme A	dducts," pp.	368-383, Enz	ymes as Drugs, J.
		129.	Akiyama, M. et a Pharm. Bull., 19	ıl., "The Syntl	hesis of New De	erivatives of 1b	etaD-Arabi	nofuranosylcy	ytosine," Chem.
		130.	Allcock et al., "C	Contemporary	Polymer Chemi	stry," 394-403 (2	2nd. ed., 199	1).	
		131.	Ansell, S. et al., as Steric Barrier						
		132.	Aoshima, M. et a	il., "N.sup.4 -	Behenoyl-1bet	aD-Arabinofur	anosylcytosii		
		133.	Antitumor Agent Baker, D. C. et a	l., "Prodrugs	of 9betaD-Ar	abinofuranosyla	denine. 1. Sy		valuation of
			Some 5'-(O-Acyl Banting, R. G., e	) Derivatives,	" J. Med. Chem	., 1978, 21(12):	pp. 1218-122	21.	
		134.	Assoc. J. 1992, 1	2: 141-146.					
	<u></u>	135.	Baudys et al., "St 145-51 (1996).	tabilization an	Intestinal Abs	sorption of Huma	an Calcitonin	," J. Contr. R	el. vol. 39, pp.

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FORM PTO		U.S. Department of Commerce nt and Trademark Office	Attorney Docket Number 9233-71	Serial No. 10/036,744			
		CUMENTS CITED BY APPLICANT	A.C.	10,4			
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TRADEM	ع		Filing Date: December 21, 2001	Group			
RT	136.	Baudys, M. et al, "Synthesis and Characteriza Proceed, Intern. Symp. Cont. Rel. Bioactive. I	ration of Different Glycosylated Derivatives of Insulin"				
	137.	Boccu, E. et al., "Pharmacokinetic Properties Pharm. Res. Comm., 1982 14: 113-120.	of Polyethylene Glycol Derivatized Su	peroxide Dismutase,"			
	138.	Brange, J. et al, "Chemical Stability of Insulin Pharmaceutical Preparations," Pharm. Res., 19		orage of			
	139.	Brange, J. et al, "Chemical Stability of Insulin Products During Storage of Pharmaceutical P	a. 2. Formation of Higher Molecular W	eight Transformation 727-734.			
	140.	Chen et al., "Synthesis and Properties of AMA					
	141.	Chien, Y. W., Novel Drug Delivery Systems,	pp. 678-679, Marcell Deffer, Inc., New	v York, N.Y., 1992.			
	142.	Conradi, R.A., et al., "The Influence of Peptic Res., 1991, 8(12): 1453-1459.	le Structure on Transport Across Caco	-2 Cells," Pharm.			
	143.	Coombes, A.G.A. et al., "Biodegradable Poly Formulation: the Surface Attachment of Hydronic Polyce P	rophilic Species Using the Concept of	y and Vaccine Poly(Ethylene			
	144.	Glycol) Anchoring Segments," Biomaterials, Coudert et al., "A Novel, Unequivocal Synthe 16(1): 19-26 (1986).		Communications,			
	145.	Delgado et al.; "The Uses and Properties of P Carrier Systems 9:3,4 249-304 (1992).	EG-Linked Proteins" Critical Reviews	in Therapeutic Drug			
	146.		as Water-in-Oil-in-Water Emulsions" NATURE 219 856-857				
	147.	Fasano, Alessio; "Innovative strategies for the (1998).	e oral delivery of drugs and peptides"	TIBTECH 16 152-157			
	148.	Francis et al., "Polyethylene Glycol Modifica Targeting," J. Drug Targeting, 3: 321-340 (19		ogy to Tumour			
	149.	Gish, D. T. et al., "Nucleic Acids. 11. Synthes Possessing Antileukemic and Immunosuppres 1162.					
	150.	Gombotz et al., "Biodegradable Polymers for 6: 332-351 (1995).	Protein and Peptide Drug Delivery," I	Bioconjugate Chem.,			
	151.	A. Guzman & R. Garcia, "Effects of Fatty Ett Insulin," PRHSJ, 9(2): 155-159 (1990).					
	152.	Harris, J. Milton, "Laboratory Synthesis of Po Rev. Macromol. Chem. Phys., C25(3): 325-3	373 (1985).				
	153.	Hostetler, K. Y. et al., "Synthesis and Antiret and Other Antiviral Nucleosides," The Journal	roviral Activity of Phospholipid Analo al of Biological Chemistry, 1990, 265(	gs of Azidothymidine 11): pp. 6112-6117.			
	154.	Hong, C. I. et al., "Nucleoside Conjugates. 7. Arabinofuranosylcytosine Conjugates of Ethe	Synthesis and Antitumor Activity of I	betaD-			
	155.	Igarashi, R. et al, "Biologically Active Peptid Symp. Cont. Rel. Bioactiv. Mater. 1990, 173	es Conjugated with Lecithin for DDS" 67-368.	Proceed. Intern.			
	156.	King et al.; "Preparation of Protein Conjugate Res. 16 147-155 (1980).		nt. J. Peptide Protein			
	157.	D.G. Lindsay & S. Shall, "The Acetylation of	f Insulin," Biochem. J., 121: 737-745 (	1971).			
	158.	M. Maislos et al, "The Source of the Circulat Therapeutic Insulin" J. Clin. Invest., 1986, 77		betic Patients is			

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FORM I	PTO-1		U.S. Department of Commerce at and Trademark Office	Attorney Docket Number 9233-71	6 633	Serial No. 19/036,744		
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PRADEM	MARK OF	ilcr				_		
RT		159.	Mesiha et al., "Hypoglycaemic effect of oral i stearic acid," J. Pharm. Pharmacol., 33: 733-7		Brij 35, 52,	58 or 92 and		
		160.	Neubauer et al., "Influence of Polyethylene G Diabetes, 32: 953-958 (Oct. 1983).	lycol Insulin on Lipid Tissues	of Experime	ntal Animals,"		
		161.	Nucci, et al. "The Therapeutic Value of Poly(133-151 1991.	ethylen Glycol)Modified Pro	teins" Ac. D	rug. Del. Rev. 6:		
		162.	Oka, K. et al, "Enhanced Intestinal Absorption Smancs, in an Oily Formulation" Pharm. Res.		onjugated Pr	otein Drug,		
		163.	Patel et al. "Oral Administration of Insulin By 1976.	Encapsulation Within Liposon	mes" FEBS I	Lett. 62(1) 60-63		
		164.	Price, JC, Polyethlyene Glycol, 355-361.					
		165.	Ratner, R. E. et al, "Persistent Cutaneous Insu Aggregates," Diabetes, 1990, 39: 728-733.	sulin Allergy Resulting from High-Molecular Weight Insulin				
		166.	Robbins, D. C. et al, "Antibodies to Covalent Patients" Diabetes, 1987, 36: 838-841.	d of Insulin-U	Jsing Diabetic			
		167.	Russell-Jones, G. J. "Vitamin B12 Drug Delivery", Proceed. Intern. Symp. Control. Rel. Bioactive.					
		168.	Mater., 1992, 19: 102-103. Saffran et al. "A Model for the Study of the C 57 548-553 1979.	oral Administration of Peptide	Hormones" (	Can J Biochem		
		169.		Oral Administration of Insulin and Other Peptide Drugs,"				
		170.		ts with Influenza Virus M Protein (M1) Microspheres," Mater., 1992, 19: 116-117.				
		171.	Savva et al., "Effect of PEG Homopolymer as Phase Behavior of 1,2-Dipalmitoyl-SN-Glyce Research, 9(3): 357-365 (1999).	nd Grafted Amphiphilic PEG-F				
		172.	Shen et al., "(C) Means to Enhance Penetration by macromolecular carriers via endocytosis a 113 (1992).	on, (3) Enhancement of polype nd transcytosis," Advanced Dr	ptide and pro ug Delivery	ntein absorption Reviews, 8: 93-		
		173.	Shichiri et al.; "Enteral Absorption of Water- 10 317-321 (1974).	in-Oil-in-Water Insulin Emulsi	ions in Rabbi	ts" Diabetologia		
		174.	G. Sirokman & G.D. Fasman, "Refolding and			glycol-		
		175.	bacteriorhodopsin water-soluble conjugate," Protein Science, 2: 1161-1170 (1993).  Szleifer, I. et al., "Spontaneous Liposome Formation Induced by Grafted Poly(Ethylene Oxide) L Theoretical Prediction and Experimental Verification," Proceedings of the National Academy of					
		176.	of the United States of America, 95(3): 1032-1037 (Feb. 3, 1998).  Taniguchi, T. et al, "Synthesis of Acyloyl Lysozyme and Improvement of its Lymphatic Transpolioning Small Intestinal Administration in Rats" Proceed. Intern. Symp. Control. Rel. Bioactics.					
		177.	1992, 19: 104-105.  V.P. Torchilin, "Immunoliposomes and PEG Delivery of Imaging Agents," Immunomethol		sible Use for	Targeted		
		178.	Tyle, Praveen, "Iontophoretic Devices for D		ch, 3:6 318-3	26 (1986).		
		179.	J. Wei & G.D. Fasman, "A Poly(ethylene gly					
			Native State," Biochemistry, 34:6408-6415 ( Zalipsky, S. et al., "Attachment of Drugs to F	1995).				
	-	180.	1177_1183	0.,0,100 0.,000, 2 10.	.,,	, (). FF.		

**EXAMINER** \*EXAMINER

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Attorney Docket Number 9233-71	Serial No. 10/036,744	
LIST OF DOCUMENTS CITED BY APPLICANT  C 1 P (See Several Sheets if necessary)			
(FED D a mar Si	Applicants: Soltero et al.		
THE THE PARTY OF T	Filing Date: December 21, 2001	Group	
181   Zahpsky et al., "Peptide Attachment to Ext	remities of Liposomal Surface Grafted PEG of Laminin Pentapeptide, YIGSR," Bioconjug		



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Patent	J.S. Department o and Trademark C	Office		Attorney De	ocket Number 9233-71		Serial No. 10/036,744
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					<del></del>		
			L	<del></del>			<u></u>
ļ					Pertinent Pages		
RT 1.	Chang et al., "H Binding Activit				ni-Proinsulin w	hich Has High	n Receptor-
2.	Diers et al., "Ye 176 (1991).	east Fermenta	tion Processes	for Insulin Pro	duction," <i>Biopr</i>	rocess Techno	logy, 130 166-
3.	Johnson, Irving (February 11, 1		nsulin from Re	combinant DN	A Technology,	" Science, 21	9 632-637
4.	Mackin, R. B., (1998).	"Proinsulin: 1	Recent Observa	tions and Con	troversies," Cei	ll. Mol. Life S	ci., <b>54</b> 696-702
5.	Morihara, Kazu Recognition, 3(			nesis of Humar	ı Insulin: An U	Jpdate," <i>Journ</i>	nal of Molecular

EXAMINER EXAMINER

R.Teller

DATE CONSIDERED 1/6/04

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitut	form 1449A/PTO		(010)	Co	ompl te if Known
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INFORM	ATION DISCL	OSURE	NOV 1 7 2000 C.	Filing Date	December 21, 2001
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Sheet	1	of	1	Attorney Docket Number	9233.71

			<b>U.S. PATENTS</b>	AND PATENT PUBLICATIONS		
xaminer	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
nitials*		Number	Kind Code (if known)		MM-DD-YYYY	
RT	1.	6,309,633	B1	Ekwuribe et al.	10/30/2001	
<del>- ``</del>	2.	5,631,347	Α	Baker et al.	05/20/1997	
	3.	4,179,337		Davis et al.	12/18/1979	
-	4.	5,202,415	A	Jonassen et al.	04/13/1993	
	5.	5,157,021	A	Balschmidt et al.	10/20/1992	
	6.	5,359,030	A	Ekwuribe	10/25/1994	
	7.	5,750,497	Α	Havelund et al.	05/12/1998	
	8.	5,693,609	Α	Baker et al.	12/02/1997	
	<del></del>					
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		<u> </u>				

				FOREIGN F	PATENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	т
		Offic	Number	Kind Code (if known)	Document	MM-DD-YYYY	
RT	9.	wo	01/21197	A1	Liu et al.	03/29/2001	
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		OTHER NON PATENT LITERATURE DOCUMENTS	1 =-
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	<u> </u>
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	11.	Describing of Bosombined Single Chain Insulin	
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